

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1461	438/460-465.ccls.	USPAT	OR	ON	2005/12/27 09:57
S2	1148	S1 and @ad<"20020625"	USPAT	OR	ON	2005/12/27 10:08
S3	8	S2 and reinforcing same member	USPAT	OR	ON	2005/12/27 10:17
S4	36	S2 and ring same shape	USPAT	OR	ON	2005/12/27 10:31
S5	36	S2 and organic same adhesive	USPAT	OR	ON	2005/12/27 10:49
S6	0	S4 and reinforcing same member	USPAT	OR	ON	2005/12/27 10:50
S7	4	S4 and reinforcing	USPAT	OR	ON	2005/12/27 12:51
S8	50	("6204564" "4035831" "4606037" "4892842" "4923825" "5011589" "5199055" "5240546" "5480300" "5480494" "5514504" "5530264" "5583057" "5601428" "5697192" "5719979" "5728230" "5811877" "5854819" "5997990" "6033483" "6057174" "6066512" "6065701" "6084319" "6151220" "6208408" "6265242" "6303471" "6380620" "6436509" "6437290" "6445013" "6624448" "6819376" "6821562" "6847121" "6930327" "4991939" "5593916" "5664989" "6172404" "4246595" "4304043" "4356374" "4382228" "4437228" "4495026" "4530557" "4554573").pn.	USPAT	OR	ON	2005/12/27 12:52
S9	5	S8 and ring same shaped	USPAT	OR	ON	2005/12/27 13:09
S10	242	438/33.ccls.	USPAT	OR	ON	2005/12/27 13:09
S11	3433474	S10 @ad<"20020625"	USPAT	OR	ON	2005/12/27 13:10
S12	194	S10 and @ad<"20020625"	USPAT	OR	ON	2005/12/27 13:10
S13	1289824	S12 and rinforcing smae member	USPAT	OR	ON	2005/12/27 13:11
S14	0	S12 and reinforcing same member	USPAT	OR	ON	2005/12/27 13:11
S15	3	S12 and reinforcing	USPAT	OR	ON	2005/12/27 13:13
S16	3	S12 and ring same shape	USPAT	OR	ON	2005/12/27 13:14
S17	759	438/68.ccls. 438/113.ccls.	USPAT	OR	ON	2005/12/27 13:15
S18	3433426	I17and @ad<"20020625"	USPAT	OR	ON	2005/12/27 13:15
S19	594	S17 and @ad<"20020625"	USPAT	OR	ON	2005/12/27 13:16
S20	86	S19 and ring	USPAT	OR	ON	2005/12/27 13:16
S21	49	S20 and shape	USPAT	OR	ON	2005/12/27 13:16
S22	4	S21 and reinforcing	USPAT	OR	ON	2005/12/27 13:31
S23	0	"438"/\$.ccls and @ad<"20020625"	USPAT	OR	ON	2005/12/27 13:32
S24	58677	"438"/\$.ccls. and @ad<"20020625"	USPAT	OR	ON	2005/12/27 14:36
S25	422	S24 and reinforce	USPAT	OR	ON	2005/12/27 13:33
S26	116	S25 and member	USPAT	OR	ON	2005/12/27 13:33

S27	15	S26 and ring same shape	USPAT	OR	ON	2005/12/27 13:33
S28	521	S24 and ring-shaped	USPAT	OR	ON	2005/12/27 14:53
S29	2	S28 and reinforcing same member	USPAT	OR	ON	2005/12/27 14:37
S30	14	S28 and reinforcing	USPAT	OR	ON	2005/12/27 14:38
S31	2331	S24 and adhering	USPAT	OR	ON	2005/12/27 14:53
S32	102	S31 and reinforcing	USPAT	OR	ON	2005/12/27 14:53
S33	53	S32 and member	USPAT	OR	ON	2005/12/27 14:54
S34	0	S33 and ring-shape	USPAT	OR	ON	2005/12/27 14:54
S35	19	S33 and ring	USPAT	OR	ON	2005/12/27 14:58
S36	0	S24 and ring-shpe	USPAT	OR	ON	2005/12/27 14:58
S37	40	S24 and ring-shape	USPAT	OR	ON	2005/12/27 14:58
S38	17074	S24 and thin same semiconductor	USPAT	OR	ON	2005/12/27 14:59
S39	17074	S24 and thin same semiconductor	USPAT	OR	ON	2005/12/27 14:59
S40	17074	S24 and thin same semiconductor	USPAT	OR	ON	2005/12/27 14:59
S41	45	S40 and reinforcing same member	USPAT	OR	ON	2005/12/27 15:08
S42	355172	(semiconductor sbstrate) and (thining semiconductor substrate)	USPAT	OR	ON	2005/12/27 15:09
S43	58672	S24 and (adhering a reinforcing member)	USPAT	OR	ON	2005/12/27 15:09
S44	37266	S43 and @pd<"20010622"	USPAT	OR	ON	2005/12/27 15:11
S45	13582	S44 and (ring shape)	USPAT	OR	ON	2005/12/27 15:11
S46	8665	S45 and (removing the reinforcing member)	USPAT	OR	ON	2005/12/27 15:12
S47	5464	S46 and (opning at its center)	USPAT	OR	ON	2005/12/27 15:13
S48	5464	S47 and (ring shape wiht an outer diameter equal to an outer diameter of the semiconductor substrate)	USPAT	OR	ON	2005/12/27 15:14
S49	5444	S47 and (diameter equal to an outer diameter of the semiconductor substrate)	USPAT	OR	ON	2005/12/27 15:14
S50	5442	S47 and (diameter equal outer diameter semiconductor substrate)	USPAT	OR	ON	2005/12/27 15:15
S51	292221	S47 outer same diameter	USPAT	OR	ON	2005/12/27 15:15
S52	353	S47 and outer same diameter	USPAT	OR	ON	2005/12/27 15:15
S53	11	S52 and dicing same semiconductor	USPAT	OR	ON	2005/12/27 15:26
S54	40636	"438"/\$.ccls. and @pd<"20010530"	USPAT	OR	ON	2005/12/27 15:27
S55	4	S54 and semiconductor near sustrate	USPAT	OR	ON	2005/12/27 15:27
S56	26343	S54 and semiconductor same substrate	USPAT	OR	ON	2005/12/27 15:28
S57	1337	S56 and thinning	USPAT	OR	ON	2005/12/27 15:28

S58	2	S57 and reinforcing same member	USPAT	OR	ON	2005/12/27 15:34
S59	4	S57 and protect same member	USPAT	OR	ON	2005/12/27 15:35
S60	34	S57 and support same member	USPAT	OR	ON	2005/12/27 15:56
S61	50	("6204564" "4035831" "4606037" "4892842" "4923825" "5011589" "5199055" "5240546" "5480300" "5480494" "5514504" "5530264" "5583057" "5601428" "5697192" "5719979" "5728230" "5811877" "5854819" "5997990" "6033483" "6057174" "6066512" "6065701" "6084319" "6151220" "6208408" "6265242" "6303471" "6380620" "6436509" "6437290" "6445013" "6624448" "6819376" "6821562" "6847121" "6930327" "4991939" "5593916" "5664989" "6172404" "4246595" "4304043" "4356374" "4382228" "4437228" "4495026" "4530557" "4554573").pn.	USPAT	OR	ON	2005/12/27 15:57
S62	0	S61 and ring-shape	USPAT	OR	ON	2005/12/27 15:57
S63	47	S61 and @ad<"20020625"	USPAT	OR	ON	2005/12/27 15:57
S64	3446268	"438"/\$.ccls. @ad<"20020625"	USPAT	OR	ON	2005/12/28 10:42
S65	36870	S64 and ring-shaped	USPAT	OR	ON	2005/12/28 10:43
S66	655	S65 and reinforcing same member	USPAT	OR	ON	2005/12/28 10:43
S67	18	S66 and linear same expansion	USPAT	OR	ON	2005/12/28 10:49
S68	375165	S64 and support same member	USPAT	OR	ON	2005/12/28 10:49
S69	1162187	S64 and support	USPAT	OR	ON	2005/12/28 10:50
S70	192798	S64 and semiconductor same device	USPAT	OR	ON	2005/12/28 10:51
S71	2444	S70 and (ring-shaped)	USPAT	OR	ON	2005/12/28 10:51
S72	24	S71 and reinforcing same member	USPAT	OR	ON	2005/12/28 10:52
S73	138352	"257"/\$.ccls.	USPAT	OR	ON	2005/12/28 11:32
S74	116046	S73 and @ad<"20020625"	USPAT	OR	ON	2005/12/28 11:33
S75	4074	S74 and thinning	USPAT	OR	ON	2005/12/28 11:33
S76	258	S75 and metallic same film	USPAT	OR	ON	2005/12/28 11:34
S77	0	S76 and reinforcing same member	USPAT	OR	ON	2005/12/28 11:34
S78	29	S76 and ring	USPAT	OR	ON	2005/12/28 11:45
S79	230	S74 and reinforcing same member	USPAT	OR	ON	2005/12/28 11:46
S80	49	S79 and ring	USPAT	OR	ON	2005/12/28 12:28
S81	3769	S73 and support same member	USPAT	OR	ON	2005/12/28 12:30
S82	115	S81 and ring-shaped	USPAT	OR	ON	2005/12/28 15:59
S83	565	438/598.ccls. 438/928.ccls.	USPAT	OR	ON	2005/12/29 08:54

S84	1433	438/598.ccls. 438/928.ccls. 438/974.ccls. 438/974.ccls. 438/976.ccls. 438/977.ccls.	USPAT	OR	ON	2005/12/29 08:56
S85	1178	S84 and @ad<"20020625"	USPAT	OR	ON	2005/12/29 09:04
S86	3	S85 and reinforcing same member	USPAT	OR	ON	2005/12/29 09:09
S87	55	S85 and support same member	USPAT	OR	ON	2005/12/29 09:48
S88	3	S85 and protecting same member	USPAT	OR	ON	2005/12/29 09:48
S89	12	S85 and ring-shaped	USPAT	OR	ON	2005/12/29 09:49
S90	487	438/457.ccls. 438/464.ccls.	USPAT	OR	ON	2005/12/29 11:09
S91	9	S90 and reinforcing same member	USPAT	OR	ON	2005/12/29 11:14
S92	3358	438/106.ccls. 438/110.ccls 438/113-119.ccls.	USPAT	OR	ON	2005/12/29 11:14
S93	1290578	S92 and support member	USPAT	OR	ON	2005/12/29 11:15
S94	217	S92 and support same member	USPAT	OR	ON	2005/12/29 11:15
S95	0	S94 and ring-shape	USPAT	OR	ON	2005/12/29 11:15
S96	45	S94 and ring	USPAT	OR	ON	2005/12/29 11:22
S97	0	"438"/\$ And @ad<"2002"	USPAT	OR	ON	2005/12/29 11:23
S98	54758	"438"/\$ And @ad<"20020625"	USPAT	OR	ON	2005/12/29 11:23
S99	846	S98 and thinning same semiconductor	USPAT	OR	ON	2005/12/29 11:24
S100	176	S99 and (ring-shpae reinforcing member)	USPAT	OR	ON	2005/12/29 11:25
S101	1	("6303471").PN.	USPAT	OR	ON	2006/01/05 16:09
S102	1	"6629553".pn.	USPAT	OR	ON	2006/01/06 13:57
S103	1	"6730579".pn.	USPAT	OR	ON	2006/01/06 13:57
S104	1007	438/121-122.ccls.	USPAT	OR	ON	2006/01/09 09:08
S105	27	S104 and reinforcing	USPAT	OR	ON	2006/01/09 09:26
S106	729	438/455.ccls.	USPAT	OR	ON	2006/01/09 09:27
S107	19	S106 and reinforcing	USPAT	OR	ON	2006/01/09 09:38
S108	0	438/455.ccls. and 438/459.ccls. and 438/459.ccls. and 438/597.ccls.	USPAT	OR	ON	2006/01/09 09:40
S109	1193	438/455.ccls. 438/459.ccls. 438/459.ccls. and 438/597.ccls.	USPAT	OR	ON	2006/01/09 09:40
S110	1689	438/455.ccls. 438/459.ccls. 438/459.ccls. 438/597.ccls.	USPAT	OR	ON	2006/01/09 09:40

S11 1	35	S110 and reinforcing	USPAT	OR	ON	2006/01/09 09:41
S11 2	0	438/459>"ccls."	USPAT	OR	ON	2006/01/24 10:56
S11 3	656	438/459.ccls.	USPAT	OR	ON	2006/01/24 12:25
S11 4	423	438/464.ccls.	USPAT	OR	ON	2006/01/24 13:25
S11 5	297	438/928.ccls.	USPAT	OR	ON	2006/01/24 13:25
S11 6	71834	"438"/\$.ccls.	USPAT	OR	ON	2006/01/24 13:55
S11 7	646	S116 and thinning with semiconductor	USPAT	OR	ON	2006/01/24 13:55
S11 8	40799	S116 and thin	USPAT	OR	ON	2006/01/24 13:56
S11 9	445	S118 and reinforcing	USPAT	OR	ON	2006/01/24 13:56
S12 0	388	S119 and metal	USPAT	OR	ON	2006/01/24 13:56
S12 1	317	S120 and temperature	USPAT	OR	ON	2006/01/24 14:30
S12 2	76059	processing with temperature	USPAT	OR	ON	2006/01/24 13:57
S12 3	58	S121 and processing with temp	USPAT	OR	ON	2006/01/24 14:05
S12 4	0	S118 and (" metal film at temperature higher than processing temp")	USPAT	OR	ON	2006/01/24 14:06
S12 5	0	S118 and ("metal film at temperature higher than processing temp")	USPAT	OR	ON	2006/01/24 14:07
S12 6	0	S118 and ("metal film higher than processing temp")	USPAT	OR	ON	2006/01/24 14:07
S12 7	0	S118 and ("metal same film higher same processing temp")	USPAT	OR	ON	2006/01/24 14:08
S12 8	0	S118 and ("metal same film higher same processing temp\$7")	USPAT	OR	ON	2006/01/24 14:08
S12 9	0	S122 and ("metal same film higher same processing temp\$7")	USPAT	OR	ON	2006/01/24 14:09
S13 0	0	S122 and("metal same film higher same processing temp\$7")	USPAT	OR	ON	2006/01/24 14:09
S13 1	71834	"438"/\$.ccls.	USPAT	OR	ON	2006/01/24 14:31
S13 2	22822	S131 and thin same film	USPAT	OR	ON	2006/01/24 14:31

S13 3	289	S132 and reinforcing	USPAT	OR	ON	2006/01/24 14:31
S13 4	1301128	S132 metal	USPAT	OR	ON	2006/01/24 14:32
S13 5	18227	S132 and metal	USPAT	OR	ON	2006/01/24 14:32
S13 6	3998	S135 and temperature with higher	USPAT	OR	ON	2006/01/24 14:32
S13 7	2633	S136 and process with temperature	USPAT	OR	ON	2006/01/24 14:33
S13 8	34	S137 and reinforcing	USPAT	OR	ON	2006/01/24 14:33